

Abstract of the Disclosure

In a W-CDMA transmission rate estimation method, a maximum likelihood transport format combination is selected from a plurality of transport format combinations representing bit length combinations

5 constituting a plurality of transport channels, each having a variable bit length, on the basis of correlation strengths between a normal encoded bit string and bit strings of data obtained by performing Viterbi decoding processing for data, of a reception

10 output constituted by the respective transport channels, which corresponds to an arbitrary transport channel. A data transmission rate is then estimated on the basis of the selected combination. A W-CDMA transmission rate estimation device is also disclosed.